

REMARKS

The final Office action dated June 9, 2008, and the references cited have been fully considered. In response, please enter the enclosed Request for Continued Examination (RCE) and amendments, and consider the remarks presented herein. Reconsideration and/or further prosecution of the application is respectfully requested. No new matter is added herein.

Applicants have filed this RCE to further prosecution, and to more particularly define some embodiments recited in the claims.

First, in regards to the amendments to the claims, independent claim 1 is amended to recite that the updated set of computed information is also determined also based on the one or more sets of routing information, with support provided by at least by the original claim itself as well as process block 1012 of FIG. 10A and its discussion on page 32 of the original disclosure. Additionally, claim 1 is amended to recite the network change indication includes a value identifying to expect another network change indication in the progressive series of indications, with support provided at least by original claim 3 which recited this limitation. (Its dependent claim 3 is amended herein to remove this limitation.) Additionally, claim 1 is amended to recite that the progressive series of network changes relates to a specific detected change in the network, with support provided at least by original claim 6, as well as by FIG. 9A and its discussion on pages 26-27 of the original disclosure. Claim 2 is amended to recite that the updated set of computed information is also determined also based on the one or more sets of routing information, with support provided by at least by the original claim itself as well as process block 1012 of FIG. 10A and its discussion on page 32 of the original disclosure.

Independent claim 5 is amended to include the limitations of its dependent claim 6, with claim 6 being canceled herein. Independent claim 8 and its dependent claim 10 are amended with support as discussed *supra* in relation to claims 1 and 3. Independent claim 12 is amended with support as discussed *supra* in relation to claim 5. Independent claim 14 and its dependent claim 16 are amended with support as discussed *supra* in relation to claims 1 and 3.

Applicants respectfully submit that all claims are patentably distinct and allowable over the prior art of record. Each of the independent claims recite limitations that particularly define the progressive series of updates as relating to a particular detected change in a network or switching to a backup route, which differentiates from Dravida et al.'s merely receiving a plurality of updates. Additionally, each of the independent claims recites a limitation that the network change indication includes a value defining that more updates in the particular progressive series of updates will be received. Dravida et al.'s use of weights neither teaches nor suggests such a value defining that it is a part of a progressive series of updates related to a particular detected change in a network or switching to a backup route. Applicants submit that Dravida et al., alone or in combination with other art, neither teaches such a progressive series of updates. Applicants note that each of the claims further recites that the computation actually determines changes to one or more routes in the one or more sets of routing information or routing information base. Conventional systems accordingly update their one or more sets of routing information or routing information base so that they have correct information. However, the claims recite an embodiment where the one or more sets of routing information or routing information base is allowed to be incorrect, and it can do so, because it knows, based on the value in the network topology indication that more updates related to this change will be forthcoming, so it can allow its routing database to be incorrect for a short duration, especially given that the nextop information did not change. Dravida et al. teaches to update the routing database in respect to route updates; and neither teaches nor suggests the all of the limitations of any pending claim for at least the reasons discussed herein.

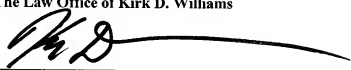
Final Remarks. In view of the above remarks and for at least the reasons presented herein, all pending claims are believed to be allowable over all prior art of record, the application is considered in good and proper form for allowance, and the Office is respectfully requested to issue a timely Notice of allowance in this case. Applicant requests any and all rejections and/or objections be withdrawn. If, in the opinion of the Office, a telephone conference would expedite the prosecution of the subject application, the Office is invited to call the undersigned attorney, as Applicants are open to discussing, considering, and resolving issues.

Applicants request a one-month extension of time is required. Should a different extension of time be deemed appropriate, Applicants hereby petition for such deemed extension of time. Applicants further authorize the charging of Deposit Account No. 501430 for any fees that may be due in connection with this paper (e.g., claim fees, extension of time fees) as required in addition to the payment made herewith using EFS-Web.

Respectfully submitted,
The Law Office of Kirk D. Williams

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By



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